

February 27, 2004

INFORMATION DISCLOSURE  
STATEMENT  
Patent Application  
Docket No. GJE-39D1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Andrea Crisanti  
Docket No. : GJE-39D1  
For : Conjugates that Contain the Homeodomain of Antennapedia

Mail Stop PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313

INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR §§1.97 AND 1.98

Sir:

In accordance with 37 CFR §1.97 and §1.98, Applicant would like to bring to the attention of the Examiner, the references cited in the following patent application:

U.S. Serial No. 09/486,676, which entered the U.S. national stage June 8, 2000, from international application No. PCT/GB98/02628, filed September 2, 1998.

The subject application claims the benefit under 35 USC §120 of the filing date of patent application Serial No. 09/486,676. Applicant respectfully requests that the copies of references supplied in the Information Disclosure Statements of the 09/486,676 application, as well as references cited by the Patent Office during the prosecution thereof, be made of record in the subject application. As copies of the references filed in the 09/486,676 application, and cited on the attached form PTO/SB/08, can be found in the 09/486,676 case file, copies of those references are not provided herewith.

It is respectfully requested that the references cited in the 09/486,676 application be considered in the examination of the subject application and that their consideration be made of record.

Applicant respectfully asserts that the substantive provisions of 37 CFR §§1.97 and 1.98 are met by the foregoing statements.

Respectfully submitted,



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DRP/sl

Attachment: Form PTO/SB/08

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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>		
				Application Number		
				Filing Date	February 27, 2004	
				First Named Inventor	Andrea Crisanti	
				Art Unit		
Examiner Name						
Attorney Docket Number	GJE-39D1					
Sheet	1	of	2			

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	U1	US-			
	U2	US-			
	U3	US-			
	U4	US-			
	U5	US-			
	U6	US-			
	U7	US-			
	U8	US-			
	U9	US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	F1	WO 97/12912	04-10-1997	Centre National de la Recherche Scientifique	All	
	F2					
	F3					
	F4					
	F5					
	F6					
	F7					

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard T.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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Substitute for form 1449B/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)			<b>Complete if Known</b>		
			Application Number		
			Filing Date		
			First Named Inventor		
			Group Art Unit		
			Examiner Name		
Sheet	2	of	2	Attorney Docket Number	
				GJE-39D1	

### NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	R1	PROCHIANTZ, A. "Getting hydrophilic compounds into cells: lessons from homeopeptides" <i>Current Opinion in Neurobiology</i> , 1996, pp. 629-634, Vol. 6, No. 5.	
	R2	DEROSSI, D. <i>et al.</i> "Cell internalization of the third helix of the antennapedia homeodomain is receptor-independent" <i>Journal of Biological Chemistry</i> , 1996, pp. 18188-18193, Vol. 271, No. 30.	
	R3	SCHUTZE-REDELMEIER, M-P <i>et al.</i> "Introduction of exogenous antigens into the MHC class I processing and presentation pathway by Drosophila antennapedia homeodomain primes cytotoxic T cells <i>in vivo</i> " <i>Journal of Immunology</i> , 1996, pp. 650-655, Vol. 157, No. 2.	
	R4	BONFANTI, M. <i>et al.</i> "p21 WAF1-derived peptides linked to an internalization peptide inhibit human cancer cell growth" <i>Cancer Research</i> , 1997, pp. 1442-1446, Vol. 57.	
	R5	BRUGIDOU, J. <i>et al.</i> "The retro-inverso form of a homeobox-derived short peptide is rapidly internalised by cultured neurones: A new basis for an efficient intracellular delivery system" <i>Biochemical and Biophysical Research Communications</i> , 1995, pp. 685-693, Vol. 214, No. 2.	
	R6	SIMMONS, C.G. <i>et al.</i> (1997) "Synthesis and membrane permeability of pna-peptide conjugates" <i>Bioorganic &amp; Medicinal Chemistry Letters</i> , 1997, pp. 3001-3006, Vol. 7, No. 23.	
	R7		
	R8		
	R9		
	R10		
	R11		
	R12		

Examiner Signature		Date Considered	
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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